NETTUR TECHNICAL TRAINING FOUNDATION
DIPLOMA IN INFORMATION TECHNOLOGY & DATA SCIENCE – CP09
IV SEMESTER REGULAR& SUPPLEMENTARY EXAMINATION-JULY 2023

Subject: Business Intelligence **Total Time: 2 Hr.**
Subject Code: CP09413T **Total Marks: 50**

PART B
1.0 ANSWER ANY EIGHT OF THE FOLLOWING 2*8=16

1.1 Mention some BI tools.

1.2 What is relational Data Warehouse?

1.3 What are the components of conceptual Entity model?

1.4 Define change data capture.

1.5 Define Trigger.

1.6 What are the critical challenges for BI success?

1.7 What are the elements of EPLC framework?

1.8 What is Silver bullet syndrome?

1.9 What are the components of power BI?

1.10 What are the items data sources in ETL process depends on?

2.0 ANSWER ANY SIX OF THE FOLLOWING 3*6=18

2.1 Define Segmentation, Information and Intelligence

2.2 What is consumption layer and what are its types?

2.3 Define Data quality and data ownership.

2.4 Explain the phases of TDQM in detail

2.5 What are the reasons for adopting ETL in organizations?

2.6 Write the Difference between logical extraction and physical extraction.

2.7 Write down the difference between tableau and powerBI

2.8 Explain the importance of Metadata.

3.0 ANSWER ANY FOUR OF THE FOLLOWING 4*4=16

3.1 Explain the benefits of BI

3.2 Explain briefly enterprise data model with neat diagram.

3.3 Explain the design flow of tableau with neat diagram

3.4 Explain data system extensibility and industry data integration.

3.5 Explain ETL process with neat diagram

3.6 Explain project planning activities with neat diagram

IMSF-8615

IMSF-8615